Amendments to the Claims

Please amend the claims as follows:

Claim 1 (currently amended) A mogul cylinder assembly comprising:

a generally-cylindrical lock housing mogul having a front surface and a principal axis and having a cylinder bore disposed therein having a principal axis parallel to, and offset from, the principal axis of the lock housing mogul and an inner surface,

a first driver pin bore extending radially from, and orthogonal to, the principal axis of the cylinder bore, ~~and~~

a second driver pin bore extending radially from, and orthogonal to, the principal axis of the cylinder bore and orthogonal to the first pin bore, and

a third driver pin bore extending radially from, and orthogonal to, the principal axis of the cylinder bore,

wherein the first driver pin bore is disposed counterclockwise from the second driver pin bore radially about the principal axis of the cylinder bore and the third driver pin bore is disposed clockwise from the second driver pin bore radially about the principal axis of the cylinder bore;

a cylinder blank disposed within the cylinder bore and having a principal axis aligned to the principal axis of the cylinder bore, a first pass key pin bore aligned to the first driver pin bore of the lock housing mogul, ~~and~~ a second pass key pin bore aligned to the second driver pin bore of the lock housing mogul, and a third pass key pin bore aligned to the third driver pin bore of the lock housing mogul;

a first driver pin disposed within the first driver pin bore;

a first pass key pin, having a conical shaped end, disposed within the first pass key pin bore;

a second driver pin disposed within the second driver pin bore; and

a second pass key pin, having a conical shaped end, disposed within the second pass key pin bore.

Claim 2 (previously presented) The mogul cylinder assembly of claim 1 wherein at least one of the first and second driver pin bores includes an internally-threaded portion having a socket screw disposed therein.

Claim 3 (canceled)

Claim 4 (canceled)

Claim 5 (canceled)

Claim 6 (canceled)

Claim 7 (currently amended) The mogul cylinder assembly of claim 1 further comprising a first hardened dowel pin disposed between the first driver pin bore and the front surface of the lock housing mogul and a second hardened dowel pin disposed ~~between the~~ adjacent to the first hardened dowel pin and the first driver pin bore.

Claim 8 (currently amended) A mogul cylinder assembly comprising:

a generally-cylindrical lock housing mogul having a front surface and a principal axis and having a cylinder bore having a principal axis parallel to and offset from the principal axis of the lock housing mogul, a principal central plane, having a first side and a second side, aligned to the principal axis of the lock housing mogul and the principal axis of the cylinder bore, and an inner surface,

a first set of one or more driver pin bores, disposed on a first side of the principal central plane, aligned with a first set of one or more driver pin axes aligned to a first driver pin plane extending radially from the principal axis of the cylinder bore,

a second set of ~~one or more~~ one or more driver pin bores extending radially from the principal axis of the cylinder bore and not parallel to ~~any of the pin bores in the first set of pin bores or~~ the first driver pin plane, and

a third set of one or more driver pin bores, disposed on a second side of the principal central plane and extending radially from the principal axis of the cylinder bore, each aligned to a third driver pin plane not parallel to any of the driver pin bores in the second set of driver pin bores;

a cylinder blank disposed within the cylinder bore and having a principal axis aligned to the principal axis of the cylinder bore, a first set of pass key pin bores each aligned to one of the driver pin bores in the first set of driver pin bores of the lock housing mogul, ~~and~~ a second set of pass key pin bores each aligned to a driver pin bore in the second set of ~~one or more~~ two or more driver pin bores in the lock housing mogul, and a third set of pass key pin bores each aligned to a driver pin bore in the third set of driver pin bores in the lock housing mogul;

a first set of driver pins, each disposed within one of the driver pin bores in the first set of driver pin bores;

a first set of pass key pins, each having a conical shaped end and disposed within one of the pass key pin bores in the first set of pass key pin bores;

a second set of one or more driver pins, each disposed within the second set of driver pin bores; and

a second set of one or more pass key pins, each having a conical shaped end and disposed within one of the second set of pass key pin bores.

Claim 9 (original) The mogul cylinder assembly of claim 8 wherein the first set of driver pin bores is aligned with a first plane passing through the principal axis of the cylinder bore and at least one of the bores in the second set of driver pin bores is disposed 90 degrees to the first plane radially about the principal axis of the cylinder bore.

Claim 10 (canceled)

Claim 11 (currently amended) The mogul cylinder assembly of ~~claim 10~~ claim 8 wherein the first and third planes are aligned with the principal axis of the cylinder bore, and the first and third planes are disposed to either side of one of the bores in the second set of driver pin bores radially about the principal axis of the cylinder bore by the same angle.

Claim 12 (currently amended) The mogul cylinder assembly of claim 8 further comprising a first hardened dowel pin disposed between the first set of driver pin bores and the front surface of the lock housing mogul and a second hardened dowel pin disposed adjacent to the first hardened dowel pin ~~and the first set of driver pin bores~~.

Claim 13 (previously presented) The mogul cylinder assembly of claim 8 further comprising a hardened shielding device having the shape of a disk having a rectangular cutout therein disposed between the first set of pass key pin bores and the front surface of the cylinder blank.

Claim 14 (previously presented) The mogul cylinder assembly of claim 8 further comprising a first set of one or more hardened dowel pins disposed between the first and second sets of driver pin bores and the front surface of the lock housing mogul and one or more hardened shielding devices having the shape of a disk having a rectangular cutout therein disposed between the first and second sets of pass key pin bores and the front surface of the cylinder blank.

Claim 15 (currently amended) A mogul cylinder assembly comprising:

a generally-cylindrical lock housing mogul having a front surface and a principal axis and having a cylinder bore having a principal axis parallel to and offset from the principal axis of the lock housing mogul and an inner surface disposed therein,

a first set of driver pin bores, each having a threaded portion, aligned with a first driver pin plane extending radially from the principal axis of the cylinder bore,

a second set of one or more driver pin bores, each having a threaded portion, aligned with a second driver pin plane extending radially from the principal axis of the cylinder bore radially offset from the first driver pin plane, and

a third set of one or more driver pin bores, each having a threaded portion, aligned with a third driver pin plane extending radially from the principal axis of the cylinder bore radially offset from the first and second driver pin planes;

a cylinder blank disposed within the cylinder bore and having

a principal axis parallel to and offset from the principal axis of the lock housing mogul,

a first set of pass key pin bores each aligned to one of the driver pin bores in the first set of driver pin bores of the lock housing mogul,

a second set of pass key pin bores each aligned to one of the driver pin bores in the second set of driver pin bores of the lock housing mogul, and

a third set of pass key pin bores each aligned to one of the driver pin bores in the third set of driver pin bores of the lock housing mogul;

a first set of driver pins, each disposed within one of the driver pin bores in the first set of driver pin bores;

a first set of pass key pins, each having a conical end and disposed within one of the pass key pins bores in the first set of pass key pin bores;

a second set of driver pins, each disposed within one of the driver pin bores in the second set of driver pin bores;

a second set of pass key pins, each having a conical end and disposed within one of the pass key pins bores in the second set of pass key pin bores;

a third set of driver pins, each disposed within one of the driver pin bores in the third set of driver pin bores; and

a third set of pass key pins, each having a conical end and disposed within one of the pass key pin bores in the third set of pass key pin bores.

Claim 16 (currently amended) The mogul cylinder assembly of claim 15 further comprising

a first hardened dowel pin disposed between the first set of driver pin bores and the front surface of the lock housing mogul on a first side of the first driver pin plane,

a second hardened dowel pin disposed between the first set of driver pin bores and the front surface of the lock housing mogul on a second side of the first driver pin plane, and

a third hardened dowel pin disposed between the first and second hardened dowel pins ~~and the first set of driver pin bores~~ and aligned to the first driver pin plane.

Claim 17 (previously presented) The mogul cylinder assembly of claim 15 further comprising a hardened shielding device having the shape of a disk having a rectangular cutout therein disposed between the first set of pass key pin bores and the front surface of the cylinder blank.

Claim 18 (previously presented) The mogul cylinder assembly of claim 15 further comprising one or more hardened dowel pins disposed between the first and second sets of driver pin bores and the front surface of the lock housing mogul and one or more hardened shielding devices having the shape of a disk having a rectangular cutout therein disposed between the first and second sets of pass key pin bores and the front surface of the cylinder blank.

Claim 19 (previously presented) The mogul cylinder assembly of claim 15 wherein the first, second, and third sets of pass key pins are protected by a hardened cylinder shield having the shape of a disk having a rectangular cutout therein disposed between the pass key pin bores and the front surface of the cylinder blank.

Claim 20 (original) The mogul cylinder assembly of claim 15 wherein each of the first, second, and third sets of driver pins are protected by one or more hardened dowel pins disposed between the driver pin bores and the front surface of the lock housing mogul.